

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
1	US 6463675 B1	2002 1015	Process and a plant for spray drying	34/373	34/372; 34/583	Hansen, Ove Emil et al.
2	US 6449869 B1	2002 0917	Device and method for drying pourable products	34/59	34/166; 34/173; 34/174; 366/28	Bretschneider, Frank et al.
3	US 6374510 B1	2002 0423	Drier-heat-exchanger	34/232	34/168; 34/174; 34/231	Geissbuehler, Hans et al.
4	US 6269553 B1	2001 0807	Drying apparatus for the drying of bulk material	34/579	34/583	Wilhelm, Klaus
5	US 6266895 B1	2001 0731	Apparatus for the drying of moist particulate material in superheated steam	34/560	34/167; 34/169; 34/174; 34/588	Jensen, Arne Sloth
6	US 6237247 B1	2001 0529	Apparatus and method for a spray dryer	34/363	34/174; 34/372; 34/374; 34/583; 34/68	Van Den Meersche, Jan
7	US 6154979 A	2000 1205	Method and apparatus for the removal of liquid from particulate material	34/363	34/167; 34/169; 34/174; 34/364; 34/371; 34/487	Jensen, Arne Sloth
8	US 6122841 A	2000 0926	Apparatus for the drying of moist particulate material in superheated steam	34/560	34/167; 34/169; 34/174; 34/588	Jensen, Arne Sloth
9	US 6122838 A	2000 0926	Method and apparatus for drying grain	34/435	34/167; 34/168; 34/174; 34/210; 34/215; 34/436; 34/482; 34/65	Bloemendaal, Brent J.

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10	US 6035544 A	2000 0314	Grain turner for tower grain dryer and method	34/167	34/174; 34/175	Morrison, David Wayne et al.
11	US 5940982 A	1999 0824	Particulate material dryer	34/182	34/174	Braun, Norman L.
12	US 5653043 A	1997 0805	Batch crop dryer and method of batch crop drying	34/171	34/174; 34/507	Bestwick, Ronald et al.
13	US 5647142 A	1997 0715	Apparatus and process for drying a moist material dispersed or dispersible in a stream of drying gas	34/373	34/182; 34/487; 34/576; 34/587	Andersen, Poul Rasmus et al.
14	US 5615493 A	1997 0401	Spray drying device	34/583	34/168	Funder, Christian R.
15	US 5566470 A	1996 1022	Metering grain unloader for tower dryer	34/167	34/174	Morrison, David W.
16	US 5400525 A	1995 0328	Flame cone for grain bin dryer	34/360	34/576; 431/35	Sheley, Randall E.
17	US 5168640 A	1992 1208	Dryer for sugar cane bagasse and/or medulla with a vertical type, mobile bed with countercurrent waste combustion gases	34/86	34/166; 34/174; 34/228	Becerra, Carlos B.
18	US 5100509 A	1992 0331	Process and spray drying apparatus for producing stable particle agglomerates	159/4.2	159/4.08; 159/48.1; 34/372; 34/576; 426/47	Pisecky, Jan et al.
19	US 5085170 A	1992 0204	Fluidized bed apparatus, in particular for granulation of pulverulent substance	118/303	118/323; 118/DI G.5; 34/576; 427/21	Huttlin, Herbert
20	US 5020246 A	1991 0604	Grain drying system	34/236	34/174; 34/211; 34/233	Rust, Marcus D. et al.
21	US 4914834 A	1990 0410	Grain dryer	34/169	34/174	Sime, Sylvan H.

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22	US 4887364 A	1989 1219	Device for cooling and/or drying bulk goods	34/583		Geelen, Pierre M. L.
23	US 4754557 A	1988 0705	Grain dryer	34/174	34/229; 34/232	Anderson, Eilif J.
24	US 4665632 A	1987 0519	Apparatus for uniformly distributing fluid through a bed of particulate material	34/168	34/174; 422/191; 422/21	Greenwood, Arthur R.
25	US 4617744 A	1986 1021	Elongated slot dryer for wet particulate material	34/168	34/174; 34/177; 34/179; 432/102; 432/62; 44/626; 44/629	Siddoway, Mark A. et al.
26	US 4446631 A	1984 0508	Air system for continuous flow grain dryer	34/65	34/174; 34/86	Batterton, Elmo L. et al.
27	US 4337584 A	1982 0706	Heat pump grain dryer	34/65	34/169; 34/174; 34/77	Johnson, Lawrence D.
28	US 4217701 A	1980 0819	Bin grain dryer	34/211	34/174; 34/66; 34/67; 414/31	Mathews, Bernard C.
29	US 4187617 A	1980 0212	Spray dryer	34/576	159/4.02; 432/58	Becker, Jr., James J. et al.
30	US 4159580 A	1979 0703	Grain drying bin	34/168	34/174; 34/181; 52/82; D25/14	Welch, Jr., Richard
31	US 4139952 A	1979 0220	Apparatus and method for drying seed corn by burning cobs	34/380	34/174; 34/175; 34/218; 34/237	Stanfield, Zenas A.

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32	US 4118875 A	1978 1010	Method and means of drying particulate material	34/174	34/233; 432/185; 432/19	Sietmann, Vernon H. et al.
33	US 4118196 A	1978 1003	Apparatus for calcining wet powdery gypsum	422/232	34/583; 422/233; 432/58	Fukuda, Yoshiharu et al.
34	US 4114289 A	1978 0919	Dryer system	34/173	34/168; 34/174	Boulet, William Paul
35	US 4086708 A	1978 0502	Grain dryer	34/65	34/170; 34/174; 34/86	Westelaken, Christianus M. T.
36	US 4064638 A	1977 1227	Apparatus for drying seeds	34/174	34/164; 34/175; 34/218	Stanfield, Zenas Allen
37	US 4038758 A	1977 0802	Grain dryer	34/551	34/174; 34/232; 34/86; 56/12.2	Miller, Russell A.
38	US 4035928 A	1977 0719	Apparatus for drying grain	34/174	34/233; 34/560; 454/182; 52/192; 52/82	Sietmann, Vernon H. et al.

	Typ e	L #	Hi ts	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRL S	1	0	denali-marzouk.in.	USPAT; EPO; JPO	2004/ 03/05 11:12			0
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3	BRL S	3	4	amazouz-mouloud.in.	USPAT; EPO; JPO	2004/ 03/05 11:13			0
4	BRL S	4	6	2 3	USPAT; EPO; JPO	2004/ 03/05 11:30			0
5	BRL S	5	10 19	34/583,576,174.ccls.	USPAT; EPO; JPO	2004/ 03/05 11:30			0
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7	BRL S	7	95	6 and (cone conical)	USPAT; EPO; JPO	2004/ 03/05 11:31			0
8	BRL S	8	22	7 and screen	USPAT; EPO; JPO	2004/ 03/05 11:31			0
9	BRL S	9	19 8	5 and (dry\$3 with (grain particulate particle bulk))	USPAT; EPO; JPO	2004/ 03/05 11:31			0
10	BRL S	10	49	9 and (cone conical)	USPAT; EPO; JPO	2004/ 03/05 11:31			0
11	BRL S	11	13	10 and screen	USPAT; EPO; JPO	2004/ 03/05 11:35			0
12	BRL S	12	36	10 not 11	USPAT; EPO; JPO	2004/ 03/05 12:12			0
13	BRL S	13	1	5809664.pn.	USPAT; EPO; JPO	2004/ 03/05 12:22			0

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15	BRL S	15	1	5809664.URPN.	USPAT	2004/ 03/05 12:16			0
16	BRL S	16	83 3	34/587,168,226,218.ccls.	USPAT; EPO; JPO	2004/ 03/05 12:22			0
17	BRL S	17	29 2	16 and (bulk particle particulate grain)	USPAT; EPO; JPO	2004/ 03/05 12:23			0
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20	BRL S	20	11	19 and screen	USPAT; EPO; JPO	2004/ 03/05 12:23			0
21	BRL S	21	14	18 and inert	USPAT; EPO; JPO	2004/ 03/05 12:23			0
22	BRL S	22	13	9 and inert	USPAT; EPO; JPO	2004/ 03/05 12:24			0
23	BRL S	23	72 23 2	(dry\$3 with (bulk particle particulate grain))	USPAT; EPO; JPO	2004/ 03/05 12:24			0
24	BRL S	24	15 32 9	23 and screen	USPAT; EPO; JPO	2004/ 03/05 12:24			0
25	BRL S	25	21 26	24 and (cone conical)	USPAT; EPO; JPO	2004/ 03/05 12:24			0

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27	BR S	27	74	26 and (hot with gas)	USPAT; EPO; JPO	2004/ 03/05 12:25			0
28	BR S	28	9	27 and 34/\$.ccls.	USPAT; EPO; JPO	2004/ 03/05 12:26			0
29	BR S	29	187	23 and (screen with (conical cone))	USPAT; EPO; JPO	2004/ 03/05 12:26			0
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31	BR S	31	37	29 and (fluidized near2 bed)	USPAT; EPO; JPO	2004/ 03/05 12:28			0
32	BR S	32	10	("4159580" "3913239" "6269553" "6035544" "5653043" "4887364" "4337584" "3634949").pn.	USPAT; EPO; JPO	2004/ 03/05 12:29			0
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35	BR S	35	0	ca-2439490-\$.did.	USPAT; EPO; JPO	2004/ 03/05 12:42			0